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Canadian Chemical Co. Ltd; Information S
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The construction of the plant of the Canadian Chemical Co. Ltd., on a 430 acre site at Edmonton, is now well under way. The preparation of the plant site and excavations started in early July, and roads have been built and construction buildings have been erected. Major items of equipment have been ordered and construction of the plant buildings has commenced.

Canadian Chemical Co. Ltd., a subsidiary of Celanese Corporation of America, will produce for both civilian and defence economies a variety of industrial organic chemicals by a process based on the oxidation of liquified petroleum gases, A Celanese Corporation of America plant, located at Bishop, Texas, was built during World War II under authorization from the United States Government and has operated successfully since that time using the oxidation of hydrocarbon process, now to be used by Canadian Chemical. This process was developed over a long period of years by Celanese Corporation of America.

The Edmonton plant, in addition to the chemical installation will include units for the production of cellulose acetate, staple fibre and filament yarn. Technical laboratories and operation units at Edmonton will have the full benefit of the vast research facilities of Celanese Corporation of America at Summit, New Jersey, and Clarkwood, Texas, as well as the benefit of the wide experience of Celanese Corporation of America in petro-chemical and textile operations and in management organization.

The output of the petro-chemical unit of the new company will include more than sufficient quantities of formaldehyde and pentaerythritol to meet domestic demands, leaving some available for export. Acetone and acetic acid required in the cellulose acetate operation will also be produced.

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The formaldehyde will supply the plywood glue market in British Columbia, replacing imports of the product from the United States. Pentaerythritol is used in alkyd resins for air drying and baked finishes on automobiles, stoves, refrigerators and other similar items. The entire Canadian requirements of this material are at present imported.

Numerous other chemicals will be manufactured at the Edmonton plant, including propylene glycol, used in permanent anti-freeze products, methanol, chief component in non-permanent anti-freeze; acetaldehyde, an ingredient in insecticides; and mixed butanols and isobutanol used extensively in quick drying paints.

The new plant scheduled to be in operation within a year and a half, will consume 75,000 gallons of petroleum gases from the Alberta Oil fields daily. The natural gas from these fields will be used as fuel in the company's power plant. High alpha cellulose for the operation will be supplied by the Prince Rupert plant of Columbia Cellulose Company Limited, another affiliated of Celanese Corporation of America.

Plans for the Edmonton plant envisage the development of Canada as a major supplier of cellulose acetate. Filament yarn and staple fibre will be available for sale to Canadian textile mills for both civilian and defense uses.

It is expected that the Edmonton plant will cost in excess of $50,000,000 and will eventually employ about 700 people.

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